



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 44, No. 5 December, 2012



Chicago Chapter General Meeting Thursday December 20, 2012



La Villa Restaurant

3632 N. Pulaski Road
Chicago, IL 60641

Plenty of free parking!
Metra: Old Irving Park Station
Blue line: Irving Park Station
then 3 blocks south!

Booster Night!

Holiday Party & Game Night

Games Included: foosball, air hockey,
pool table, pop-a-shot, shuffle board,
Xbox Kinect, and many more



AGENDA

5:30pm– 9:00pm

Open Bar: Call Liquor, Beer & Wine
Includes the popular "Tower of Shrimp" and other
appetizers compliments of **ASPE CHICAGO** and our
Outstanding Affiliates!

Program:

No technical program tonight, just a great night of
socializing with good friends, and a chance to try out your
skills on a select number of games!

6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-
Members and Walk-ins)

RSVP as soon as possible to Rick Butler, VP Technical!

- ◇ Return the enclosed card for those of you getting this via
US Mail
- ◇ Call: 224.238.8515
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Appetizers:

- Tower of shrimp
- Many others!

Dinner:

- Salad
- Soup of the day: Red Pepper
Cream
- Pepper steak
- Baked chicken
- Pasta
- Mashed Potatoes
- Vegetables

Dessert:

- Ice Cream
- Coffee, tea, water, soda

Local Chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Happy Holidays!

The holiday season is upon us, and ASPE Chicago started this great time of the year with our 8th annual Toys for Tots toy drive. I would like to thank you for your generosity. These donations will make a difference for needy and underprivileged children this holiday season.

At our November meeting, we were honored by having the presence of courageous men and women that served and in the U.S Armed Forces. Our freedom and the quality of life we enjoy today would not be possible without their sacrifices. Thank you for serving.

Sergeant Major Robert L. Baker, Inspector-Instructor Sergeant Major for 2nd Battalion, 24th Marines in Chicago, Illinois collected our chapter's toy donations and was greeted with a standing ovation from our members.

Booster Night

Booster night, our holiday celebration extravaganza, is around the corner. We will have over 100 people in attendance and will offer food and beverages throughout the event. This year, we will have a slight change in the entertainment. Our theme for 2012 will be "Games Night" in order to promote networking and camaraderie, some of our chapter's best assets.

This event is possible thanks to the financial support we receive from our affiliates and manufacturer representatives, as their contributions help us defer some of the associated costs. As in previous years, we are requesting a minimal voluntary \$50 contribution to assist with Booster Night costs to our affiliate and manufacturer representatives.

All contributors will be recognized as Booster Night Sponsors during the evening, and each attendee will be given a flyer listing all sponsors encouraging them to

Support those who support the chapter!

Please contact Nevo or Mick, our chapter's Affiliate's Liaisons for more information. You can also make your donation by visiting our website

<http://chicago.aspe.org/booster-night-sponsorship.html>

2012 Convention & Exposition

The 2012 ASPE Convention & Exposition exceeded all expectations. This event had 310 exhibiting companies, a 15% growth in manufacturer participation from 2010 and a total attendance to 4,161, an increase of 12% over 2010.

During the 2012 convention we discussed technical, legislative and membership agendas, elected our Society's new board of directors and voted on bylaws. Some unnecessary membership proposals were rejected. A proposed bylaw requiring Society's president to have previous board experience was also discarded. In the end, a few bylaws were approved, and those will improve the efficiency of our Society.

Conventions are great places to boost your career. They have the best technical presentations and one can learn about innovative products at the Engineered Plumbing Expositions.

Our great City of Chicago will have the opportunity to host the entire nation in 2014. Mark your calendars. Society's 50th anniversary and Convention will take place in our own "back of the yards."

2014 ASPE Convention and Exposition

Fifty Year Anniversary of ASPE

September 19-24, McCormick Place, Chicago, IL

Please continue reading. You will find a lot of great articles in this newsletter about the 2012 ASPE Convention and Engineered Plumbing Exposition in Charlotte, N.C.

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www.linkedin.com/groups?home=&gid=2393408



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

CORRECTION: The list of attendees for the October 2012 meeting was incorrectly labeled September attendees.

November Meeting Recap

What a great turn out of people and **toys**. The standing "O" for Sargent Major Rob L. Baker was outstanding. He greatly appreciated our hospitality and he walked out of the meeting with two big boxes of Toys. If you missed this meeting, ***we still will be collecting toys at our December meeting.***

Thanks again to Jim Majerowicz, Local 130 Trainer for his presentation on "Keeping on the right side of State and Local Plumbing Codes". As always, Jim does a fantastic job discussing the codes. Jim had several handouts describing changes and comparisons to the local codes and state code. Jim tells it like it is, and the discussions afterward were very interesting from all parties. You need to attend these meetings to get the benefit of these discussions that take place after the presentation. They are full of useful information.

November Meeting Attendance

The following attendees for the November meeting qualify for the **1.0 RU** and **1.0 CEU** per IDPH. The IDPH Course Approval Number is: 750-050-S7; given by Jim Majerowicz, who also acted as licensed plumber on record.

Henry Lenzen	Patrick O'Boyle	Christopher Sbararo
Joseph McCleery	Chris Rohan	Jill Dirksen

The following individuals attended the November 2012 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to **0.75 RU's** toward the required 24 RU's needed every two years to maintain CPD registration. Meeting attendance is also recognized by the Illinois Department of Professional Regulation to count as 1 PDH towards the required 30 PDH's needed every two years to renew Professional Engineering licenses.

April Ricketts	David LeHman	Jeff St.Onge	Mark Mannarelli	Ray Cruz	Tom Lang
Bob Jackson	Dennis Richards	Jill Dirksen	Mark Nasha	Reid Goodrich	Tony Dauginas
Brandon Taylor	Dick Klaess	Jim Lagina	Matt Keller	Rick Butler	Tony Garcia
Brian Berg	E.D. Kedzie	Jim Majerowicz	Matt Pardue	Rob Baker USMC	Travis McKnight
Brian hank	Ed Lichner	Joe Dinkel	Meghan Johnson	Rob Clapper	
Bryan Fonseca	Emily Smith	Joe McCleery	Mel Mithrow	Robert Thomson	
Carlos Viramontes	Francisco DeHoyos	Julius Ballanco	Micheal Cwanek	Sean Allard	
Chris Rohan	Frank Sanchez	KC Akalarru	Mike Imaoka	Sergio Cano	
Chris Sbarbaro	George Pagach	Keith Seier	Nevo Martelli	Shawn McAulliffe	
Chris Wisinski	George Sobyra	Ken Cutler	Otton Finiewicz	Tom Babcock	
Dan Gordon	Hank Lenzen	Kent Swanson	Patrich O'Boyle	Tom Brown	
Daniel M Patt	Herb Hymen	Larry Himmelblau	Peter Wu	Tom Dolan	
Darrien McCueig	Jason Romano	Mark Kaulas	Phill Kroll	Tom Higgins IV	

October Meeting Attendance Updates

The previous October meeting attendees were not listed in the in the not listed in the November newsletter. They qualify for 0.75 CEU.

Tony Garcia	Tom Dolan	John Geiger	Mike Imaoka	Frank Paulette
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December Meeting: Booster Night and Holiday Party

It is a new era for the Holiday party- participation by all. It will be game night, and there will be many games to test your skills, maybe even a little friendly competition by fellow ASPE members. We are sticking with La Villa since they have done an excellent job for our Booster Night Holiday Party in the past.

Don't forget to thank the affiliate members and manufacturer representatives that sponsored this great event!! Finally, have a safe and happy Holiday Season,

Rick Butler, Vice President, Technical

rbutler@lochinvar.com; 224 238.8515



VICE PRESIDENT, EDUCATION

I hope everyone had a wonder and safe Thanksgiving. We have a short time until the beginning of the new year and there are a couple of things you need to add to your list to do before we get there. The list is as follows:

The Chicago ASPE Scholarship

Has anyone thought about applying for this? This is a great opportunity to make your money go further. Are you or one of your family members taking engineering classes right now? Have you applied for the Chicago ASPE scholarship? Have you even looked at the application? If you are wondering if you might qualify to apply for the scholarship, please feel free to ask. Please remember, this is for our ASPE chapter members and their families only. So, it would be well worth it to take the time and apply! The deadline is approaching. Invest a little bit of time and compile the information for the application and turn it in. The deadline is December 1st. All of the information you will need may be found on the website: <http://chicago.aspe.org/scholarship.html>

Upcoming IL State Approved Continuing Education Credits

Our first seminar this season to qualify for state approved continuing education credits was Jim's seminar, 'Keeping on the Right Side of the State and Local Plumbing Codes'. Jim's seminar was very helpful and for those who needed state approved education credits, we were set up to provide them. We are ready to do the same thing for the upcoming February meeting. If you are in need of extra continuing education credits approved by the State of Illinois (please note, our Chicago ASPE chapter is the provider), start planning now to attend the seminar. While all of our monthly seminars provide CEUs approved by ASPE, our chapter has made the extra effort to provide information to the Illinois State Department of Health to qualify our seminars for state approval and added value to our local chapter meetings.

Attend Booster Night

Yes, this time of year we have to remind ourselves to have a little fun! What a great time to show our support to our reps and all they do for our chapter. This year's event is a shift from the past and is meant to give our members an opportunity to get to know each other a bit better. Knowledge of our fellow members is just as important as educating ourselves about the plumbing industry. Looking forward to seeing all of you there!

In closing, this time of year is hectic with shopping, cooking, decorating, planning, and well you get the picture, but don't let the end of the year pass by without letting people know they are appreciated. Whether it be a simple "Thank you for what you do" to those who you are working with and have worked with in the past or telling a loved one how much they mean to you, just do it. It is such a simple gesture, but to many it means a lot and too often we take it for granted or expect what we shouldn't. So, let me start by saying "THANK YOU" to all of my fellow ASPE members!

Jill Dirksen, Vice President, Education

jdirksen@cannondesign.com



VICE PRESIDENT, MEMBERSHIP

How do you feel about giving back to our industry?

How many times over the years have you heard of or known a younger engineer, in a small office, with no means to discuss plumbing issues, in-house, with an experienced member of our Society. These people really need some intelligent direction but they have no one to turn to in their own office structure.

One of the many benefits of an ASPE Membership is meeting and exchanging ideas & questions with your peers. In an effort to make this process a little more formal, ASPE Chicago, wants to explore a **Mentoring Program**.

If you're an experienced engineer, who wants to **Mentor** one of the less experienced engineers in our Society, please contact me.

If you are one of the newer Members of our Society and feel you would benefit from a Mentor, please contact me. This will be a quiet and informal program but the benefits for everyone that's involved could be huge.

Mark Kaulas, Vice President, Membership

mkaulas@bornquist.com

P.S. The Convention in Charlotte was fantastic! The Product Show had many new and improved products with almost all our industry's top manufacturers on display.



VICE PRESIDENT, LEGISLATIVE

A great way to get involved or get your feet wet in the design process of a Healthcare Facility is to get acquainted with NFPA-99.

Remember the first thing to do when working with medical gases is to meet with the surgical team who will be using the medical gases in their every day function. I am involved in a project that has been ongoing for the past four (4) years. The project length has been due to the ongoing changes in the scope of work and the alignment of monies. To make a long story short, the original surgical team who was brought together at the beginning of the project is no longer at the facility, which causes a great deal of communication challenges in moving forward on the project.

The next step of was to meet with the new surgical staff and discuss the daily operations and functions of the surgical suites. As you can guess, a few things needed to be added to bring the surgical suites up to the staff's requirements. So, we called a meeting with the hospital staff, facilities group, as well as the nursing manager who will be monitoring the medical gas throughout the surgical units. Low and behold the nurse manager was never brought in from the very beginning of the project to ask her the requirements needed to operate the surgical unit. She informed us that they wanted to incorporate a WAGD system. The problem is that all the piping has been installed and dry wall was being installed. This was not originally discussed. So, we needed to pipe in a new WAGD system per the nurse managers request.

In the 2012 NFPA-99 Chapter 5 section 5.1.3.8.3 states:

5.1.3.8.3 If WAGD is joined to vacuum piping, it shall be connected a minimum distance of 1.5 m (5 ft.) from any vacuum inlet.

So we installed a WAGD outlets without having a dedicated WAGD system. We supplied the piping by connecting to the vacuum system and labeled the alarm valve as Vacuum/WAGD. This meets the NFPA-99 requirements for combined Vacuum/WAGD systems.

For those designers who are not familiar with medical gas systems I have provided several Medical gas Definitions below which can be found in NFPA-99:

3.3.4.1 Area Alarm System. A warning system within an area of use that provides continuous visible and audible surveillance of Category 1 and Category 2 medical gas and vacuum systems. (PIP)

3.3.4.2 Category 3 Alarm System. A warning system within an area of use that provides continuous visible and audible surveillance of Category 3 medical gas systems. (PIP)

3.3.4.3 Local Alarm System. A warning system that provides continuous visible and audible surveillance of medical gas and vacuum system source equipment at the equipment site. (PIP)

3.3.4.4 Master Alarm System. A warning system that monitors the operation and condition of the source of supply, the reserve source (if any), and the pressure in the main lines of each medical gas and vacuum piping system. (PIP)

3.3.183 Waste Anesthetic Gas Disposal (WAGD). The process of capturing and carrying away gases vented from the patient breathing circuit during the normal operation of gas anesthesia or analgesia equipment. (PIP)

3.3.111 Medical–Surgical Vacuum System. An assembly of central vacuum–producing equipment and a network of piping for patient suction in medical, medical–surgical, and waste anesthetic gas disposal (WAGD) applications. (PIP)

3.3.108 Medical Gas System. An assembly of equipment and piping for the distribution of nonflammable medical gases such as oxygen, nitrous oxide, compressed air, carbon dioxide, and helium. (PIP)

3.3.109 Medical Support Gas. Nitrogen or instrument air used for any medical support purpose (e.g., to remove excess moisture from instruments before further processing, or to operate medical–surgical tools, air-driven booms, pendants, or similar applications) and, if appropriate to the procedures, used in laboratories and are not respired as part of any treatment. Medical support gas falls under the general requirements for medical gases. (PIP)

Mark G. Mannarelli, Vice President, Legislative

mmannarelli@henneman.com



SOCIETY VICE PRESIDENT, LEGISLATIVE

Hello from Chicago!

Oh wait, we are all Chicago. Hello from ASPE! Oh wait, we are all ASPE!

I am proud to be a member of the Chicago Chapter of ASPE! We had a great turnout at the 2012 ASPE National Convention, and as far as I know, none of us were arrested or kicked out of the event. I was also happy and proud that the Legislative Committee meeting was packed, standing room only, backed out of the door! Awesome response! And the Legislative Council too! Thanks for participating!

One interesting thing that I learned from Ed Salzburg, ASPE Membership #2, was that the IAPMO Interpretation Documents actually came from ASPE! IAPMO used the ASPE docs to show Plumbers "how things should be done"! How can we recapture this heritage? Maybe just knowing that this happened will inspire us to carry the torch forward and lead the Plumbing Engineering world into the future.

The face of our industry is changing. We are challenged more than ever with new technologies, stricter codes, and time and financial pressures on our projects. We must endeavor to approach our profession with more professionalism. Our work is becoming more technically critical. As fixtures and systems become more efficient, their operational parameters become less tolerant. This makes it necessary to take our craft to the next level of engineering, which makes it all more interesting as we strive to meet these challenges. Times are changing and so are we! Don't be left behind!

The best way to "stay in the loop", and be able to meet these challenges, is to be involved with ASPE. The more involved you become, the more you will be in touch with the changing tides of the industry. Attending ASPE Conventions and Symposia are of major benefit to your career. This expands your knowledge base and keeps you in touch with developments that affect all of us. The Chicago Chapter Product Show is another important key to your success. It is the best bang for the buck that you can get! It is **free** and right here in your own neighborhood! And it has some of the best **free** CEU training available! Including State of Illinois Approved CEU's that satisfy the requirements for Licensed Plumbers and Inspectors! It is great for exhibitors too because they can get to spend time, face-to-face, with the people that specify and/or even install their products. Tell your friends!

I will see you at the ASPE Chicago Booster Night!

David DeBord, CPD, LEED AP BD+C, ARCSA®AP, Society Vice President, Legislative
aspe-VPL@aspe.org

P.S.: Check out the WTO, Water for People, WPC! They can really use your support!



AFFILIATE LIASON

Get ready for an incredible **Booster Night on December 20th**, the best meeting of the year! You already received an e-mail asking for contributions to help defray the costs for the night. There will be sponsorship recognition at the meeting. Checks have to be received prior to the meeting to be recognized as a sponsor. The deadline to receive recognition is December 14, 2012.

You can also pay online via PayPal. Go to <http://chicago.aspe.org/booster-night-sponsorship.html>

I look forward to seeing you at the meeting,

Mick Bradford and Nevo Martelli, Affiliate Liaisons
mick@miller-sales.com, 630.688.2635
nevomartelli@comcast.net



ADMINISTRATIVE SECRETARY

The Best in Plumbing Equipment and Fixtures

Not long ago, I read a question posted on the internet asking: What is the best faucet? I was going to just ignore the question, but I kept wondering about how many people go through the same dilemma. So, I published the following answer, *"Every faucet manufacturer has good products. You may want to consider that some products are made in the USA, while others are simply assembled here. Another factor to keep in mind is the quality control and certification of the faucet's components. Some faucets share the same components. For instance, most of the flow restrictors are made by a one of company in particular."*

One should also consider the faucet's application, ergonomic design and installation. Let's not forget that the faucet also has to be compatible with the sink, tub, or lavatory being served, and must comply with local codes. In my opinion, the best faucet out there is the one that has a backup team behind it. I'm referring to the sales team and installers that have a direct relationship with the faucet manufacturer or local distributor. These are the people that we will be calling for an effective solution when we face issues."

This applies to all the products in our industry like water heaters, pumps, separators, fixtures, valves, pipes, controls, and hangers. All of them are only as good as the people behind them.

So next time that you are at the ASPE meeting look around, and you will know which are the best plumbing fixtures and equipment.

Dinner report:

Seventy members attended The Parthenon Restaurant at the November Meeting. As always, the food was great. The presentation by James Majerowicz from Local 130 clarified a lot of misconceptions between the IL State and City of Chicago plumbing codes. The presentation was complemented with handouts, and one hour of IDPH Approved CEU's was provided.

This month's 50/50 raffle winner was **Thomas Dolan from Riddile & Associates**, and the Chicago chapter donated \$171.00 to **Toys for Tots**. Sergeant Major Rob Baker from the United States Marine Corps collected the toys and the chapter's donated money. He sent the following message to the chapter, "Thanks for having me and for support of Toys For Tots. It was very nice meeting the team. I am humbled by the ovation. Happy Holidays!"

The free dinner winner was **Chris Rohan from Engineering Studio, Inc.**

The December 50/50 raffle donation will be for Toys for Tots as well. Please bring a new, unwrapped toy to the meeting!



J. Francisco DeHoyos, Administrative Secretary

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IIT STUDENT CHAPTER

ASPE Student Chapter at IIT and ASPE Chicago Chapter visited Chicago Deep Tunnel's mainstream pumping station on November 9th, 2012. 29 students and engineers visited the tour by a shuttle bus to the station, which is located in 6100 S. River Rd, Hodgkins, IL 60525. The two-hour tour included a guided tour to the facility and a trip to the pump room 350 feet below ground. Chicago Deep tunnel, also known as Tunnel and Reservoir Plan, has been reducing storm water by diverting it into temporary holding reservoirs. The construction of the project started in the late 1970s, and after 30 years of construction, billions of dollars were spent.

It was a great opportunity for students and engineers to visit one of the greatest engineering *wonders of the world*. *Special thanks to MWRDGC, Metropolitan Water Reclamation District of Greater Chicago*, and ASPE Student Chapter for organizing the tour. ASPE Student Chapter is planning to host another field trip in next spring. If you have any suggestion on the possible tour opportunity, please contact the student chapter: aspe.illinoistech@gmail.com



Chicago Deep Tunnel's
Mainstream Pumping Station



On the way to the pump room
350 feet below ground.

Jinguy Lee

President, ASPE Chicago Student Chapter at IIT

CONVENTION ARTICLES

Donald E. Johnson:

The 2012 ASPE Convention and Engineered Plumbing Exposition, number 23, in Charlotte, North Carolina went well. Charlotte appears to be a very interesting city. The Convention Center is an excellent facility.

Of the 320 eligible delegates, 280 were in attendance for the business sessions. There were nine (9) proposed By-Law amendments, four (4) on Membership Classification. Four (4) amendments were passed, five (5) were rejected. Society elections ran well. Bill Hughes was re-elected President, our own David DeBord was re-elected Vice President, Legislative, and Kelvin Kennedy was re-elected Region V Director.

Our chapter received the ASPE Chapter Award of Merit and ASPE Membership Growth and Retention Award, both for Region V.

Business sessions were followed by a nice keynote address by Kyle Petty. Mr. Petty outlines endeavors and success in the family's 3 generations of racing.

The Exhibition Hall was filled with the 300 exhibitors displays of Plumbing and Plumbing related products. It was a long walk back and forth through the 23 aisles of displays. It is interesting to see the technology and product advancement through the years. Water heater, electronic faucets, automatic pumping systems, etc.

The Sunday night reception, Monday night manufacturer hospitality suites and Tuesday night banquet were social fun. The 40 technical seminars given by 37 speakers were well attended. The Society's 50th Anniversary Convention in 2014 will be in "Sweet Home Chicago."

Thank you for having me serve the Chapter in Charlotte.

P.S. Happy Holidays to All!

CONVENTION ARTICLES CONTINUED...

Emily Smith:

I have had the honor and privilege of attending the 2012 ASPE Convention in Charlotte, North Carolina as a first time attendee as well as a delegate for our Chicago Chapter. Representing our chapter as a delegate is an experience that I feel each member should have at some point through out their membership. This convention provided me with an in depth understanding of what is involved with keeping our organization running at an international level. While it is my understanding that this year's business meetings progressed rather smoothly compared to other years, I am inspired to attend in the future, and that is not just because they served ice cream for an afternoon pick up. The ASPE members from each chapter are the voice of ASPE.

The convention brought together engineers and designers who may never have met if it were not for the convention, and it also reconnected long lost acquaintances. I was fortunate to reconnect with former classmates from college who were representing their respective chapters from other states. It was quite entertaining to exchange project experiences and design challenges from other areas around the country. For instance, I was shocked to learn that in Colorado, rainwater harvesting is actually illegal as the water rights are owned by other states, this includes rainwater that has not fallen yet!

The product show in Charlotte was quite large and quite the visual. I definitely enjoyed all the displays and activities to go along with them. I definitely benefitted from the water heater displays, as sometimes drawing in two dimensions I do not realize how large and tall some of these models are. There seemed to be a decent amount of attendees to the product show with a large amount of people unable to attend due to Hurricane Sandy.

The educational portions of the convention were priceless, especially the Charlotte Pipe foundry tour. The simple phrase "seeing is believing" is rather appropriate for the tour. The opportunity to actually see and understand how cast iron pipe is created has provided yet another level of understanding just as children experience on their field trips. The remaining educational sessions were also beneficial, although some more so than others, I still learned something new.

Overall the convention was an experience to be remembered. I have come back with new knowledge, new friends, and plenty of memories. In two years it will be in Chicago, and while it is pretty much "home" for me, I will still attend and appreciate all the hard work that goes into it. I look forward to learning more, making more new friends and representing the largest chapter in the world Chicago!

Mark Mannarelli:

Well another convention has come and gone! Charlotte, North Carolina was a very friendly town. The weather turned out to be a little colder than usual due to Hurricane Sandy blowing into town. Sandy had little effect on Charlotte, but fifty miles to the north they saw blizzard type conditions. The convention was attended by many of the usual faces I have seen in past conventions as well as new faces I will surely see again at future conventions.

ASPE is considering a new LOGO! The delegates voted on whether or not we should change the original logo to a new updated and greener looking logo. The idea is to make it look more appealing to younger engineers and give ASPE a new look . I am not sure when the change will take place but it will be soon.

Thanks again to all the delegates who participated in the convention and to the Chicago manufacturers representatives who attended the convention. Without your support ASPE would not be able to exist!

CONVENTION ARTICLES CONTINUED...

Bob Dahlmann:

Another ASPE Convention is over and if you did not attend, you missed out on the usual opportunities to network and further your education. I have attended 15 ASPE Conventions and have not been disappointed.

My Convention experience started with me either losing my wallet or getting pick-pocketed on Saturday morning. I waited for the hotel shuttle to the Convention Center, but decided to take the local public transportation instead. I bought a ticket with a credit card and got on the train for the 10 minute ride. When I reached for my wallet to pay for lunch in the Italian restaurant across from the Convention Center, it was gone. I should mention that the manager of the Italian restaurant offered to pay for my lunch when he heard that my wallet was gone, but I decided to cancel my order and start retracing my steps back to the hotel, leaving my business cards along the way, but found nothing. I filed a police report and proceeded to cancel my credit cards. Fortunately, there was no activity on the cards. I called the TSA to see how I could go about getting on the plane without having a photo identification card. They told me to have the police report and a utility bill with my name and address on it. My wife faxed a few utility bills to me so I thought I was set for the return trip home on Wednesday night. I also had a replacement credit card overnighted to me.

The rest of the Convention went flawlessly thanks to the excellent work done by the local Chapter and the ASPE office staff. The technical sessions, Expo, and other events that I attended were great. Then I tried to get home on Wednesday. When I arrived at the airport, I checked my bag and got my boarding pass and proceeded to Security. I told the TSA agent that I did not have a photo ID, but I had my police report and a few utility bills, and he said "I don't want those, they are useless to me." He asked for a credit card with my name on it and I had that. Then he asked for something else with my name on it, like a prescription bottle. I had a prescription bottle in my checked bag, but of course that was no help. Instead, he interviewed me while checking my answers by phone. After passing that, he went thru my carry-on bag and patted me down. The whole process took only about 20 minutes, so it really was not bad. I allowed extra time to make my flight, so there was no issue there. Makes you feel a little safer on the plane, knowing that they are still being careful.

Anyway, the only person in Charlotte that is not on my list of helpful people would be the pickpocket who got my wallet, or the person who found my wallet and did not return it to me. The Convention was great. In 2 years the Chicago Chapter will return the favor, as we will be hosting the 2014 Convention. So, save the date, September 19-24, 2014, McCormick Place, Chicago, IL.

Keith Seier:

This is the first time I have attended an ASPE Convention. In year's past, I went to the Technical Symposium but this year I wanted to have the Convention experience and it was a great experience. The first few days consisted of business meetings which entailed reviewing the annual report, the financial audit, proposed by-laws, committee chair reports, and the 2012-2013 Board candidates (Congrats Dave!!). I was disappointed that most of the positions were unopposed. Hopefully in years to come this will change. I was impressed with how formal the meetings were conducted and the conversations were mostly constructive. The biggest surprise was the proposed new ASPE logo. Many feel the slide rule and triangles are dated and the new generation is all about computers (Cad and Revit) and the "green" era. Expect a lot more conversation on this topic.

The Exposition was also impressive and massive. It took a full 2 days to visit all of the booths and learn about new products. My favorite part was being able to get hands on experience with all the products. For example, Beacon-Medaes had a large booth with 5 stations which allowed engineers to put fittings together, test friction head of vacuum pumps, see their new alarm stations and correctly place medical gas components within a hospital. Our very own Dan Patt helped the Chicago team navigate through the stations. I was not able to attend any of the technical seminars but thanks to Tom Higgins, I was able to join one of the Charlotte Foundry Tours and see the production of cast iron pipe and fittings. Seeing molten iron never gets old.

Overall I had a great experience and I am looking forward to the 2014 ASPE Convention which is right here in Chicago. I encourage everyone to attend. It is an experience you will not forget.

CONVENTION ARTICLES CONTINUED...

Joe Ficek, Past President, ASPE Chicago Chapter

Great Convention

Having attended several conventions I have to say that ASPE really did a great job at bringing it all together. The normally tedious bylaw amendment sessions went smooth and surprising fast. The Exposition was stellar and the seminars top shelf.

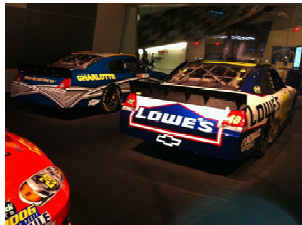
I left the Convention knowing that the **American Society of Plumbing Engineers has become the premier authority on Plumbing Engineering**. We now participate in Code discussions with all of the major code bodies as well as the plumbing and fire protection related agencies and other societies. We are taking part in meetings and discussions establishing the highest level of protection of our water and waste resources. ASPE representatives now participate with the ICC (IPC), IAPMO, ASHRAE, PMI, SFPE, UPC, USGBC, and many more. My hat is off to Jim Kendzel, the entire ASPE staff, as well as those who participate on the committees and represent ASPE. Your hard work and dedication to the promotion of our Society has gotten us to where we are today. Thank you!

J. Francisco DeHoyos:

A Test of Endurance

The ASPE convention is a mental and physical challenge. The first deadline was the registration for the convention, immediately followed by finding hotel accommodations and booking a flight. However, the real challenge is to meet all the deadlines and obligations at work. For some reason, it seems they pile up and move closer when one is about to leave town. I left Chicago on a Friday night, arrived at Charlotte at 00:30 on Saturday morning, got to my room and took a 4 hour nap, which turned out to be the daily average sleep time per day that most of us experienced at the Convention. Saturday morning, we had our first business meeting.

The remaining meetings were very informative, in particular the business meetings. This was a learning experience. We all discussed issues and voted in a democratic way. The delegates had a chance to voice their opinions on the suggested changes and amendments. The Chicago chapter delegates had an additional meeting where we debated the proposed bylaw amendments in order to better understand them and to determinate the best way to vote. A lot of people recognized this additional effort to the point that one of the delegates from South Florida said: "No wonder you guys are one of the best chapters in ASPE".



One of the best events was the reception at the NASCAR Hall of Fame. We got the chance to participate simulated racetrack. Each racecar driver had an individual simulator competing against other 14 competitors. I do know if guys are aware of this, but our own Chicago guy, David DeBord, is an experienced racecar driver, and we decided to crash into his car as often as possible. We had a lot of fun and got him frustrated "in a good way".

Also, we attended a few hospitality events. We tried to visit as many exhibitors as possible, and were able to visit 5 different ones in one night. That's why I called this convention an endurance challenge. There was no time to rest. We saw old friends, made new ones, and created new business contacts from all ASPE chapters in the world. At the end of the trip a big bunch of us flew in the same flight. We were easy to spot from the rest of the people in the plane, because we were the ones that looked exhausted but with a smile on our faces. You will have a chance to experience this during our next convention. So, let's all get ready for **Chicago 2014**, ASPE 50th anniversary

CONVENTION ARTICLES CONTINUED...

Rick Butler:

Besides the calls from family and friends to see if we were safe down in Charlotte from "Sandy", the convention was excellent. We really did not get affected other than some windy walks between the hotel and events.

I attended the Technical & Research Committee meeting held by Tim Smith. He basically discussed the need for volunteers for upcoming books and papers ASPE would like to put forward. He also thanked the people already donating their time already for these documents. Tim was having bad pain in his knee, so the meeting was cut a little short. We all hope Tim makes a good recovery.

I also attended the Technical & Research Council and Education Council Meeting, held by Mitch Clemente. One thing I did not know is their main purpose is to track the technical process of what the chapters incorporate into their meetings. They keep track of all chapters' technical meetings, by logging all the evaluations we send back to Society after one of our local presentations. They are stored on the website under the Speakers Bureau. Chapter officers can then review this document and get ideas for future meetings.

Webinars seem to be going well. In November, there will be a storm drainage systems presentation, and in December the topic will be specification writing.

Society will be selling the PowerPoint presentations for about \$50.00. The chapters can already purchase a few other presentations like "Fuel Gas Systems" and "Sanitary Drainage and Venting".

Here are some other ways to obtain CEU's: Walk the exposition floor, this also applies to our local show, join a Society Technical committee, attend our Society sessions and write or review technical handbooks. They have a lot in the hopper for technical documents coming up.

There are other projects in mind. Please let us know if you would like to volunteer for any of these.

ASPE Dictionary * Hospital & Healthcare Handbook * Plumbing Engineering Design Handbooks Updates
BIM Handbook * Fire Suppression Systems * Domestic Hot Water Design * Pump Systems
Water Reclamation Systems * High Rise Design * Gray Water Systems

One important item for our membership. There is an Employer Honor Roll award as described in the P&O Manual. We should honor some of our local employers.

The exposition was attended fairly well. It had lots of good booths with fun activities for the attendees.

The business meetings were upbeat, and did not drag on like years past. The main speaker, Kyle Petty, was excellent. You should check out the Victory Junction Camp he and his wife established. It gives kids with special requirements a week of outdoor activities they will never forget.

Greetings from the Convention from Dorthy Thrasher

Dorthy Thrasher wanted to say "HI" to all her friends within the ASPE Chicago Chapter.

Dorthy was a member with the Chicago chapter for many years, and worked at Grumman/Butkus Associates. She is now in Arizona, and a ASPE Board member for the ASPE Phoenix Chapter



CONVENTION ARTICLES CONTINUED...

Phil Kroll:

This past October I had the pleasure of attending the ASPE Convention on Charlotte North Carolina as a delegate for the Chicago Chapter. And what a Convention it was. We had a little bit of everything going on at the convention not only business, but some fun too. We attended delegate sessions, educational classes and a huge product show. Experienced crazy 50 degree weather changes because of storms coming and delegates having to leave early to make it back home to the east coast before the storms hit the east coast. We witnessed Halloween parades and had a few beers with some good friends. Attended a great welcome party at the NASCAR Hall of Fame and a few parties from manufacturers. All these activities were well done and a lot of fun, too. With everything that happened, I could write a 20 page newsletter article, but instead I would try and keep it short.

As with every convention, we start with our delegate session and our voting to make decisions for Society as a whole. Our delegate sessions this year seemed to run smoother and quicker than previous years. The by-law voting for changes to update our Society rules did not have any really controversial issues. Which was good. But the delegate session did have a lot of house keeping and updating of issues so we can run smoother as a society. Normally this takes a while, but due to some storm issues we had delegates that had to get back to the East Coast. Our delegates did a great job of taking care of Society business smoothly to get our East Coast members home in time.

The classes this year for the symposium were pretty good across the board. Topics were well varied and covered all aspects of plumbing design, sustainability and BIM. At the upcoming Chicago Chapter Product Show, we are going to have great subjects that will draw a ton of interest.

One of the most interesting class sessions was a Charlotte Foundry Tour. It was quite informative to see how the materials come in and are converted to cast iron pipe and product. When you think foundry you may think dirty, but the Charlotte facility was quite clean and well organized. It is amazing how many products the foundry puts out and what is involved in making quality piping. One of the things you may not think about for cast iron pipe is the sheer amount of quality control involved. The material coming in must be inspected and checked for any dangerous materials, then all throughout the casting process there are quality checks and reviews. The record keeping for the cast iron is meticulous. You can look for a specific day, or any day, and there are records for every batch of cast iron processed. This thorough record keeping insures that piping meets all standards and provides us engineers with a quality product we can recommend to our clients. It is amazing how much work goes into just producing cast iron piping. When people think plumbing, they often just think toilets and faucets. There is really a lot more to plumbing than a lot of people never even consider.

While the ASPE Convention is a great place for education and getting to see all the new product innovations at the Engineered Plumbing Exposition, it is also a place to connect with friends from other chapters. Every two years we get to see old friends who have moved away but still stayed members of ASPE and have the Chicago Chapter in their hearts. This year we had our Past Chicago Chapter President, Jason McDonald there. He attended all the way from his new home in Indiana. And for those of you who have been around a while, I also caught up with our long time missed Chicago Chapter member, Dorothy Thrasher. She is doing well and asked about a lot of her old Chicago friends. ASPE give us the opportunity to keep in touch. Until the next convention in Chicago!



INDUSTRY NEWS

This year the Chicago Chapter is trying something different for booster night. Instead of a comedian or magician, Bring on Game Night!!!! There will be foosball, air hockey, pool table, pop-a-shot, shuffle board, Xbox Kinect, and other games to challenge your industry friends. This will be a night of fun, competition and camaraderie. Make sure you bring a coworker to enjoy the festivities. If there is an organization you would like me to contact, please send me an e-mail at kseier@esdglobal.com.

American Society of Plumbing Engineers (ASPE)

(<http://chicago.aspe.org/calendar.html>)

Booster Night– Game Night

Dates: Thursday, December 20

Location: LaVilla Restaurant, 3632 N. Pulaski Rd

Details: Chicago.aspe.rsvp@gmail.com

American Society of Sanitary Engineering (ASSE)

(<http://www.asse-plumbing.org/calendar.html>)

1st Quarter 2013 ASSE Board of Directors Meeting

Dates: January 12-14

Location: Marriott Beachside Hotel, Key West, FL

Details: <http://cwp.marriott.com/eywmc/winter2013meeting/>

National Fire Protection Association (NFPA)

(www.nfpa.org)

NFPA Fire and Life Safety Conference 2012

Dates: December 12-14

Location: Orlando, FL

Details: <http://www.nfpa.org/itemDetail.asp?categoryID=2088&itemID=48758&URL=Training/Fire%20and%20Life%20Safety%20Conference&cookie%5Ftest=1>

NFPA Training throughout the US.

<http://www.nfpa.org/itemDetail.asp?categoryID=943&itemID=22735&URL=Training/Events%20calendar>

Society of Fire Protection Engineers (SFPE)

(www.chicagosfpe.org)

December Holiday Luncheon

Dates: Monday, December 10

Time: 11:30am sign in; lunch at 12:00pm

Location: Petterino's, 150 N Dearborn Street

Details: Members with reservations \$25, Members walk-in and guest \$30, Firefighters in uniform \$15, fulltime students with valid ID \$10

Contact: Jessica Dahl at

jhubert-dahl@janusfiresystems.com or

chicagosfpeprograms@gmail.com

PAMCANI

(www.pamcani.org)

PAMCANI's industry-wide calendar:

<http://www.pamcani.org/calendar/>

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

January IFPA Meeting

Date: Tuesday, January 8

Time: 6:00 pm

Location: TBD

Details: <http://www.ifpanet.org/>

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)

(www.ilphcc.com)

Illinois PHCC Expo

Dates: March 22, 2013

Location: Oakbrook Terrace, Illinois

Details: <http://www.ilphcc.com/>

Illinois Chapter of ASHRAE

(www.illinoisashrae.org)

ASHRAE Technical Awards Luncheon and Presentation

Date: Tuesday, December 11

Time: TBD

Location: Metropolitan Club, Willis Tower

Cost: TBD

USGBC – Illinois Chapter (LEED)

(www.usgbc-illinois.org)

Events Calendar (Hyperlink)

Refrigeration Service Engineer's Society (RSER)

(www.rses.net)

RSER December Chapter Meeting – Sporlan Electric Valves

Dates: Tuesday, December 11

Location: The O'Hare Center, 10275 W. Higgins Rd., Rosemont, IL.

Details: Free Parking. Free Admission. www.rses.net

American Society of Professional Estimators

(www.aspechicago.org)

No report.

Keith Seier, Corresponding Secretary

kseier@esdglobal.com; 312 456.2338



Chicago ASPENEWS



2012-2013 ASPE Chicago Meeting Schedule

Date	Primer	Technical Session	Location
September 20, 2012	Phoenix	Waste Water Recycling - Success Stories from Down Under by Phoenix/Aquacell Water Recycling Solutions	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
October 18, 2012	Available	Thermoplastics for use in Acid Waste Drainage and High Purity Water Systems by IPEX with New-Tech Marketing	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
October 27-31	2012 ASPE Convention and Exposition October 27—31		Charlotte Convention Center, Charlotte, NC
November 15, 2012 <u>One Hour of IL State CEUs Provided</u>	Viega	Keeping on the right side of State & Local Plumbing Codes by Jim Majerowicz of Local 130	Parthenon 314 S Halsted St Chicago, IL
December 20, 2012	ASPE Chicago Chapter Booster Night and Holiday Celebration		La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 17, 2013	Available	Geothermal Energy Applications in Chicago	Parthenon 314 S Halsted St Chicago, IL
February 21, 2013 <u>One Hour of IL State CEUs Provided</u>	Available	Indirect Water Heater Systems for Domestic Applications by Mark Kaulas of Bornquist	Venuti's 2251 W. Lake Street Addison, IL
March 21, 2013	Available	Fire Protection Systems Corrosion and NFPA Code Updates by Viking	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 18, 2013 <u>Four Hours of IL State CEUs Provided</u>	42nd Annual Engineered Plumbing Exposition and Technical Seminars		White Eagle or Alternate Location
May 16, 2013	Water Quality Association	High Purity Water Systems and Healthcare Designers Guidelines	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 21, 2013	ASPE Chicago Chapter Golf Outing		Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL
August, 2013	ASPE Chicago Chapter Summer Event		TBD
If you would like to present any of these topics or become a meeting sponsor, please contact Rick Butler at rbutler@lochinvar.com or 224.238.8515			